

## XRM-24B & XRM-24BE Transformer

Product Installation Drawing

Doc. # 53504, Rev A 06/03/08 ECN 08-382

The **XRM-24B** (Input: 120 VAC<sub>rms</sub> [nominal], 60 Hz, 3.0 amps) and **XRM-24BE** (Input: 240 VAC<sub>rms</sub> [nominal], 50 Hz, 1.5 amps) are 24 volt, 100VA transformers which, when installed, will provide maximum accessory power. The XRM-24B/E mounts to the FACP chassis next to the standard transformer.

**IMPORTANT:** The XRM-24B and XRM-24BE are only suitable for use in FACP's with main circuit board number **03611**. This circuit board can also be identified by using the software revision of #9200UDV4.0 (meaning version 4.0) or later.

### Installation

- 1) Remove all sources of power from the panel, AC and DC

**CAUTION:** Do not attempt to install the optional XRM-24B/E Transformer while power is applied to the panel as this may result in personal injury or damage to the panel.

- 2) Position the XRM-24B/E Transformer on the FACP chassis, above the standard transformer. Make sure the transformer wires are positioned toward the main circuit board.
- 3) Slide the top tab on the XRM-24B/E transformer into the slot located in the chassis as illustrated in Figure 1.
- 4) Align the bottom tab on the XRM-24B/E transformer with the raised embossed area on the chassis as illustrated in Figure 2.
- 5) Slide the bottom tab under the raised embossed area on the chassis as illustrated in Figure 3.
- 6) Remove the protective locking connector which is labeled 'CAUTION! HIGH VOLTAGE' (located above the factory installed transformer connector).
- 7) Carefully align the XRM-24B/E connector with the mating connector on the main circuit board. Note the protective key in the XRM-24B/E connector. Securely plug the transformer connector into the connector on the main circuit board.
- 8) Reapply power to the panel.

### Ratings

Output voltage = 28 VAC<sub>rms</sub>. Maximum Output Current = 3.6 Amps

Refer to appropriate product Technical Manual for maximum accessory power specifications.

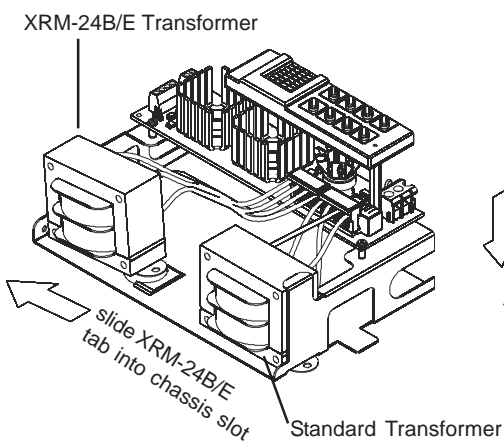


Figure 1

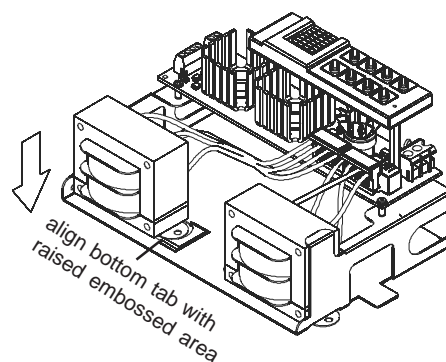


Figure 2

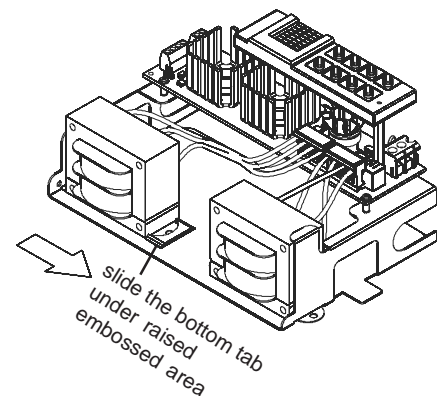


Figure 3